

Title (en)

Anti-contaminant treatment for papermaking fabrics.

Title (de)

Antikontaminationsbehandlung für Papiermaschinenewebe.

Title (fr)

Traitement anti-contaminant pour toile de machine à papier.

Publication

EP 0566127 A1 19931020 (EN)

Application

EP 93106165 A 19930415

Priority

US 86994592 A 19920417

Abstract (en)

A papermaking fabric having permanent resistance to adhesion of contaminants, and a method to make such a fabric by treatment of a papermakers fabric with a solution having as its primary components tetrafluoroethylene, urethane copolymer and polyacrylamide. The treatment, prepared in a solution, is coated on the fabric and cured to impart permanent anti-sticking properties to the fabric.

IPC 1-7

D06M 15/256; D06M 15/263; D06M 15/564; D06M 15/285; D21F 1/00; D21F 1/30

IPC 8 full level

D06M 13/02 (2006.01); **D06M 13/244** (2006.01); **D06M 13/322** (2006.01); **D06M 13/35** (2006.01); **D06M 13/352** (2006.01); **D06M 13/402** (2006.01); **D06M 13/432** (2006.01); **D06M 15/256** (2006.01); **D06M 15/285** (2006.01); **D06M 15/564** (2006.01); **D21F 1/00** (2006.01); **D21F 1/10** (2006.01); **D21F 1/30** (2006.01); D06M 101/00 (2006.01); D06M 101/16 (2006.01); D06M 101/30 (2006.01); D06M 101/32 (2006.01)

CPC (source: EP US)

D21F 1/0027 (2013.01 - EP US); **D21F 1/30** (2013.01 - EP US); **Y10S 162/901** (2013.01 - EP US); **Y10S 162/902** (2013.01 - EP US); **Y10S 162/903** (2013.01 - EP US); **Y10S 162/904** (2013.01 - EP US)

Citation (search report)

- [A] BE 645873 A 19640928
- [A] FR 2232348 A1 19750103 - HOECHST AG [DE]
- [A] US 4731281 A 19880315 - FLEISCHER THOMAS B [US], et al
- [A] DE 1769171 B1 19710506 - SAYAMA SEISAKUSHO KK
- [A] FR 2329798 A1 19770527 - SCAPA PORRITT LTD [GB]

Cited by

AU736934B2; EP0860544A3

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 5207873 A 19930504; AU 3400793 A 19931021; BR 9301568 A 19931019; CA 2089838 A1 19931018; CA 2089838 C 20020326; EP 0566127 A1 19931020; FI 931536 A0 19930405; FI 931536 A 19931018; JP 3111268 B2 20001120; JP H0665886 A 19940308; NO 931417 D0 19930416; NO 931417 L 19931018; US 5395868 A 19950307

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US 86994592 A 19920417; AU 3400793 A 19930305; BR 9301568 A 19930416; CA 2089838 A 19930218; EP 93106165 A 19930415; FI 931536 A 19930405; JP 8982993 A 19930416; NO 931417 A 19930416; US 1054993 A 19930128